



Ph.D Admissions 2023

Department of Electrical Engineering, IIT Bombay

Student Form

Click [here](#) for the live notice board for further updates.

Instructions

- The list of candidates who have been shortlisted in the preliminary shortlisting, is available [here](#).
- This year, There will be no Written test and the shortlisted candidates will be called for interview.
- Interview will be conducted in Online mode .
- A [Mail](#) has been sent to all the shortlisted candidates with appropriate instructions.
- If you are shortlisted and have not received an email from Ph.D Admin, contact us at phdadmin@ee.iitb.ac.in
- Shortlisted candidates should read the email carefully and follow the instructions.
- Mozilla firefox and Google chrome are the recommended browsers to fill the form.
- This portal will remain open till **15th November, 2023 12 PM**
- A detailed guide for filling the form is available [here](#).
- Some frequently asked questions regarding s1 form and their answers are available here: [link](#). Please check before filling the form.
- For Descriptions of all projects and positions [click here](#)
- Please login using your Applicant ID, Registration number, Email-Id and code sent in the mail.
- Please note that you can submit the form any number of time. The details last filled in the form would be considered.
- Please note that your SOP etc. should be written by you. IIT Bombay uses professional plagiarism detection software to check for copying.
- For any queries contact us at phdadmin@ee.iitb.ac.in
- **More details will be communicated to the shortlisted candidates after 15th November 2023. Candidates are requested to follow up through the mails and the notice board.**
- **The dates for Main Interview(Online-mode) are 5th,6th and 7thDecember 2023.**
- Please keep checking this page for the updates in the above presented documents.
- **If you do not fill this form by the deadline, then you will not be considered further**

Please provide the following information

Form on Interface-S

Department of Electrical Engineering
IIT Bombay



Sign in, Basic details



Ph.D Admissions 2023

Department of Electrical Engineering, IIT Bombay

Student Form


[Click here for the live notice board for further updates.](#)

Instructions

- This year, a screening test will be conducted in an in-person mode at IIT Bombay.
- The Screening Test (in-person mode) will be on **7th Dec 2022**
- Syllabus to Screening test is available [here](#). **NEW**
- Shortlisting for interview will happen in two steps: i) Preliminary shortlisting and the ii) Main shortlisting. The details of the process can be seen [here](#).
- The list of candidates who have been shortlisted in the preliminary shortlisting, is available [here](#).
- A Mail has been sent to all the shortlisted candidates with appropriate instructions.
- If you are shortlisted and have not received an email from Ph.D Admin, contact us at phdadmin@ee.iitb.ac.in
- Shortlisted candidates should read the email carefully and follow the instructions.
- Mozilla firefox and Google chrome are the recommended browsers to fill the form.
- This portal will remain open till **1st December, 2022 4 PM**
- A detailed guide for filling the form is available [here](#).
- Some frequently asked questions and their answers are available here: [link](#). Please check before filling the form.
- For Descriptions of all projects and positions [click here](#)
- Please login using your Applicant ID, Registration number, Email-Id and code sent in the mail.
- Please note that you can submit the form any number of time. The details last filled in the form will be considered.
- Please note that your SOP etc. should be written by you. IIT Bombay uses professional plagiarism detection software to check for copying.
- For any queries contact us at phdadmin@ee.iitb.ac.in
- **The dates for Main Interview(Offline-mode) are 8th,9th Dec 2022, more details will be communicated to the shortlisted candidates on 7th Dec 2022.**
- Please keep checking this page for the updates in the above presented documents.
- **If you do not fill this form by the deadline, then you will not be considered for further rounds.**

Please read the instructions in email before you begin

Please provide the following information




Ph.D Admissions 2023

Department of Electrical Engineering, IIT Bombay

Student Form

Test Candidate
REE202200001

Logout

Note:

- If you face any problems while filling this form, phdadmin@ee.iitb.ac.in or contact EE office.
- Information you provide here should be in accordance with relevant documents.
- All fields are mandatory unless mentioned otherwise. If any field is not applicable to you, please mark it as 'Not Applicable'.

S.1 General Details

1. Name

Test Candidate

2. Primary mobile number *

(This number will be used to contact you for interviews, if required)

987654321

3. Alternate mobile number *

(This should be different from Primary mobile number)

0987654321

4.1 E-mail ID

test_mail@yahoo.com

4.2 G-mail ID *

(can be same as E-mail in 4.1)

test@gmail.com

- Please make sure that this phone number is accurate.
- Primary, Alternate numbers should not be same.

- Please make sure that this E-mail ID is accurate.
- 4.1, 4.2 can be same if both are gmail

Academic Record

S.2 Academic Record

5. University/College *

University

6. Degree *

Degree

7. Percentage/CPI *

% or CPI

8. Graduation Year *

Graduation year

Masters

Bachelors

9. University/College *

University

10. Degree *

Degree

11. Percentage/CPI *

% or CPI

12. Graduation Year *

Graduation year

Any inaccuracies found will jeopardise your application

Current Affiliation

16. Current Affiliation* (Organization/Institute)

Current Affiliation

17. Role *

role

student/working in college/company

18. Have you applied for any one of the following Sponsored(SW)/ External(EX)/ Project staff(PS)/ Institute staff(IS)/ College teachers(CT)/ Fellowship Award(FA)/ Self Financed(SF) ? *(Candidates in these categories are required to contact prospective guides)[click here for more information](#)

Yes
 No

Contact prospective guides ASAP if you answer is "Yes"

18.1. Please select the corresponding category. *

Please select One

18.2. Have you communicated with any prospective guide ?*
(If you have not yet contacted then you are advised to contact the prospective faculty and update this part before the deadline.)

Yes
 No

- Only for those who has applied under SW/EX/PS/IS/CT/FA/SF
- This is a multiple-select dropdown. If you have contacted multiple prospective guides, please select all their names

18.3. Names of the faculty you have contacted:*

(This is a multiple-select dropdown. If you have contacted multiple prospective guides, please select all their names)

To see the list of faculty, [click here](#)

- Your statement of purpose need not be the same as filled in application form
- Describe your research interests in detail and as best as you can within the word limit

S.3 Statement of Purpose

19. Describe your research interest within 3000 characters*

rl@#%'^&*()_+=\$rr

Project details

13. Please write
- i) problem description
 - ii) motivation
 - iii) work done by you and the results
 - iv) conclusion drawn from the work

Maximum 2500 characters

Project Abstract (in the highest qualifying degree) *

Project Title

Project Abstract

- i) problem description
- ii) motivation
- iii) work done by you and the results
- iv) conclusion drawn from the work

Other relevant projects/ research you have done

Provide details of additional relevant projects/research you have done. Please include details of project guide and institute/ organisation in the description.

13.1. Brief description including institute/organisation and name of guides

Project 1 Title

Description (750 character)

Add Project

- Fill project details preferably related to your research interests.
- Describe what you have learnt new in the project different from your course work or how you have applied what you learnt in your course-work.

Publications & Relevant Courses

Please list your published and accepted papers below. Please enter one paper in each textbox. For each paper, please give the authors, title, journal or conference name, volume (for journal papers), no. (for journal papers), page numbers, year, place (for conference papers).

14.1. Details of publication

14. Publications, if any

Publication 1 (1000 character)

Add Publication

**Title, authors, journal, vol,
year**

15. Ten most relevant courses/subjects you have studied*

Enter **at least 4** courses. You can also include fundamental courses which are useful for your research interest.
Enter only numeric values in the "Grade Point/ marks" and "Out of (Max grade points/ marks)" fields.

Course Name	Grade Point/ marks	Out of (Max grade points/ marks)	YYYY (Year of study)
t1	8	10	2015
t2	8	10	2016
t3	9	10	2017
t4	9	10	2018
5. Course name	Grade point/mar	Max grade point	YYYY (Year of study)
6. Course name	Grade point/mar	Max grade point	YYYY (Year of study)
7. Course name	Grade point/mar	Max grade point	YYYY (Year of study)
8. Course name	Grade point/mar	Max grade point	YYYY (Year of study)
9. Course name	Grade point/mar	Max grade point	YYYY (Year of study)
10. Course name	Grade point/mar	Max grade point	YYYY (Year of study)

- You are required to fill at least 4 courses.
- Keep the information at hand.

Research Interest

S.4 Broad Area/Specialization of Research Interest *

20.

NOTE:

- You will be interviewed based on the specialization which you choose here.
- This specialization also determines your eligibility for various Project Positions. A list of projects with abstract and eligible specializations is available [here](#)

**You can choose only ONE broad area of research interest.
(EE1 / EE2 / EE3/ EE5/ EE6/EE7)**

S.4.1 Areas of Interest

* You can have upto a maximum of 5 preferences. The list of Areas you see is based on the Broad Area/Specialization chosen in section S.4

21.1 Preference 1

21.2 Preference 2

22. Additional Preference 1

23. Additional Preference 2

- Please take a look at the EE website – research, projects and project details link provided
- Your preferences will help match you to a suitable interview panel

Project Positions

S.5 Preferences for Projects/Positions

* You can have upto a maximum of 8 preferences

- If you wish to be considered **only** for TA/RA position , you don't need to select any of the projects in the drop down menu below
- For Descriptions of all positions and projects [click here](#)
- Please read the document of abstracts carefully and then fill the preferences.

24.0 Note::

- Only the names of the projects which are active under TAP/RAP categories for your chosen specialization will be available in the drop down menu.
- Click on add preferences to select projects based on the specialization which you have chosen

24.1 Preference 1

(TA) Teaching Assistant

24.2 Preference 2

Please select One

+ Add Preference

Reset Preferences



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A document with description of all projects is [available here](#)

More details for TAP/RAP projects

Project Title	Project Investigator	Desired Specialization	Abstract	Slides	Videos
Solid State Memory Technology	Prof. Sandip Mondal	EE 5 (Electronic Systems), EE 6 (Integrated Circuit & Systems), EE 7 (Solid State Devices)	The field of advanced flexible electronics has rapidly expanded over the last few decades spanning the development of low-cost, large-area, and low power consuming electronics such as system-on- panel, system-on-chip, and see-through applications... Read more		
Novel FPGA-assisted coherent detection systems for energy-efficient and high-capacity optical communication	Prof. Kumar Appaiah	EE 1 (Communication & Signal Processing), EE 5 (Electronic Systems), EE 6 (Integrated Circuit & Systems)	the project involves the development of receiver algorithms for high speed optical communication circuits. The student would learn and implement skills over a wide range of topics, ... Read more		
Solving Combinatorial Optimization Problems Using Spintronic and Quantum Hardware	Prof. Debanjan Bhowmik	EE 1 (Communication & Signal Processing), EE 7 (Solid State Devices)	38 Abstract of the project: This project aims at efficient solving of various NP-hard combinatorial optimization problems through Ising computing, an emerging computing scheme that goes beyond conventional computing. We choose two platforms ... Read more		
Alternative tunnelling layers for p-TOPCon solar cell	Prof. Anil Kottantharayil	EE 7 (Solid State Devices)	TOPCon solar cells is emerging as a replacement for PERC solar cells in manufacturing. However the TOPCon performance is presently lower than heterojunction silicon solar cells due to the poor p-TOPCon contact. In this project, ... Read more		

Select the Preferences

S.5 Preferences for Projects/Positions

* You can have upto a maximum of 8 preferences

- If you wish to be considered **only** for TA/RA position , you don't need to select any of the projects in the drop down menu below.
- For Descriptions of all positions and projects [click here](#)
- Please read the document of abstracts carefully and then fill the preferences.

24.0 Note::

- Only the names of the projects which are active under TAP/RAP categories for your chosen specialization will be available in the drop down menu.
- Click on add preferences to select projects based on the specialization which you have chosen

24.1 Preference 1

Project Staff (PS)/College Teacher (CT)/Sponsored (SW)/Extern ▼

+ Add Preference

Reset Preferences

If you have originally applied under PS/CT/IS/SW/FA/SF then you cannot choose any TA or project position. No options will appear for you

S.5 Preferences for Projects/Positions

* You can have upto a maximum of 8 preferences

- If you wish to be considered **only** for TA/RA position , you don't need to select any of the projects in the drop down menu below.
- For Descriptions of all positions and projects [click here](#)
- Please read the document of abstracts carefully and then fill the preferences.

24.0 Note::

- Only the names of the projects which are active under TAP/RAP categories for your chosen specialization will be available in the drop down menu.
- Click on add preferences to select projects based on the specialization which you have chosen

24.1 Preference 1

(TA) Teaching Assistant ▼

24.2 Preference 2

Please select One ▼

+ Add Preference

Reset Preferences

- If you originally applied under TA/RA categories, then suitable options will appear depending on your chosen specialization
- You can click here to add more preferences (upto max 8) as long more positions are available

Select the Preferences as per instructions

S.5 Preferences for Projects/Positions

* You can have upto a maximum of 8 preferences

- If you wish to be considered **only** for TA/RA position , you don't need to select any of the projects in the drop down menu below.
- For Descriptions of all positions and projects [click here](#)
- Please read the document of abstracts carefully and then fill the preferences.

S.5.1 You have selected both TA/RA and SW/EX/PS/IS/CT/FA/SF in your application form. You are required to select one of these options. Please select below:

24.0 Important Notes:

- The TA/RA positions are more competitive than SW/EX/PS/IS/CT/FA/SF.
- Admission under SW/EX/PS/IS/CT/FA/SF is subject to verification of documentary proof of eligibility for the appropriate category.
- Number of TA/RA seats is limited and usually competitive. You will not be considered for option 2 (SW/EX/PS/IS/CT/FA/SF) later if you choose option 1 (TA/RA) now.
- If you are eligible for SW/EX/PS/IS/CT/FA/SF and you opt for option 1 (TA/RA) now, you are foregoing the possibility of admission under the categories: SW/EX/PS/IS/CT/FA/SF.

- (1) TA / RA
- (2) Project Staff(PS)/Institute Staff(IS)/College Teacher(CT)/Sponsored(SW)/External(EX)/Fellowship Award(FA)/Self Financed(SF)

24.0 Note::

- Only the names of the projects which are active under TAP/RAP categories for your chosen specialization will be available in the drop down menu.
- Click on add preferences to select projects based on the specialization which you have chosen

24.1 Preference 1

Project Staff (PS)/College Teacher (CT)/Sponsored (SW)/External

+ Add Preference

Reset Preferences

This will appear if you applied for both TA/RA and one of SW/ EX/ PS/IS/CT/FA in your original application

Submit..!



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Department of Electrical Engineering, IIT Bombay

Your Response has been recorded. Thank You For submitting your response.

You will be Redirected in 2 seconds

- Upon successful submission of form you will receive a mail with a copy of your responses
- If you encounter a problem at this stage more than twice – contact phdadmin@ee.iitb.ac.in